

LISTING OF CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in the subject application.

1. (Currently Amended) A calculus treatment apparatus comprising:

a first probe, having a C-shaped cross-section, which transmits first mechanical energy to a distal end side thereof and pulverizes a calculus by the first mechanical energy;

a first mechanical energy generating device which is arranged on a proximal end side of the first probe and generates the first mechanical energy;

a second probe, having a C-shaped cross-section, which transmits to a distal end side thereof, second mechanical energy different from the first mechanical energy and pulverizes the calculus by the second mechanical energy;

a second mechanical energy generating device which is arranged on a proximal end side of the second probe and generates the second mechanical energy different from the first mechanical energy;

a first driving signal generating circuit for generating a first driving signal to drive the first mechanical energy generating device;

a second driving signal generating circuit for generating a second driving signal to drive the second mechanical energy generating device;

a driving control device which can control the first and second driving signal generating circuits to generate the first and second driving signals respectively independently; and

wherein a probe arrangement structure is formed by arranging the first probe and second probe into dividing a cylindrical-shaped or circular-tube-shaped structure in the longitudinal direction.

2 - 13. (Cancelled)

14. (Previously Presented) A calculus treatment apparatus according to Claim 1, wherein the first probe is jointed to the second probe, thus forming a cylindrical member for inserting the pulverized calculus.

15 - 17. (Cancelled)

18. (Original) A calculus treatment apparatus according to Claim 1, wherein the first mechanical energy generating device and the second mechanical energy generating device are arranged adjacently in the longitudinal direction of the first probe and second probe.

19 - 20. (Cancelled)

21. (Currently Amended) A calculus treatment system comprising:

a first probe, having a C-shaped cross-section, which transmits first mechanical energy to a distal end side thereof and pulverizes a calculus by the first mechanical energy;

a first mechanical energy generating device which is arranged on a proximal end side of the first probe and generates the first mechanical energy;

a second probe, having a C-shaped cross-section, which transmits to a distal end side thereof, second mechanical energy different from the first mechanical energy and pulverizes the calculus by the second mechanical energy;

a second mechanical energy generating device which is arranged on a proximal end side of the second probe and generates the second mechanical energy different from the first mechanical energy;

a driving device which supplies electric driving energy to generate the first and second mechanical energy in the first and second mechanical energy generating devices;

a first driving signal generating circuit for generating a first driving signal to drive the first mechanical energy generating device;

a second driving signal generating circuit for generating a second driving signal to drive the second mechanical energy generating device;

a driving control device which can control the first and second driving signal generating circuits to generate the first and second driving signals respectively independently; and

wherein a probe arrangement structure is formed by arranging the first probe and second probe into ~~dividing~~ a cylindrical-shaped or circular-tube-shaped structure in the longitudinal direction.

22 - 27. (Cancelled)

28. (Previously Presented) A calculus treatment apparatus according to Claim 1, wherein the first and second driving signal generating circuits have output setting units to perform variable-setting of output values of the first and second driving signals respectively.

29 - 30. (Cancelled)

31. (Previously Presented) A calculus treatment apparatus according to Claim 21, wherein the first and second driving signal generating circuits have output setting units to perform variable-setting of output values of the first and second driving signals respectively.

32 - 33. (Cancelled)